BÀR	* LOCATION CATEGORY			3 Times Bar	6 Times Bar =	
SIZE	А	В	C	Diameter	Diameter	Spacing
#.4	3'-11''	3'-5''	2'-9''	11/2"	3′′	31/2′′
#.5	4'-10''	4'-3''	3'-5''	17/8′′	3¾′′	43/8′′
#6	5′-10′′	5'-2''	4'-1''	21/4′′	41/2"	51/4′′
#.7	6'-11''	6'-1''	4'-11''	25/8′′	51/4′′	61/ ₈ ′′
#.8	9′-1′′	8'-0''	6′-5′′	3′′	6′′	7′′
#.9	11'-6''	10'-2''	8'-2''	33/8′′	6¾′′	77/8′′
#10	14'-7''	12′-11′′	10'-4''	3¾′′	75/8′′	87/8′′
#.	17'-11''	15′-10′′	12′-8′′	41/4′′	81/2′′	97%′′

* LOCATION CATEGORY

- A Bars in horizontal layers in top of pour with 12" or more of concrete below them such as in: footings, pier caps, etc.
- B All bars not in Category A spaced less than 6" apart.
- C All bars not in Category A spaced 6" or more apart.

Note:

- I. When bar lap is not specified on the Plans, the above dimensions shall be used.
- 2. These bar laps only apply to 4500 p.s.i. lightweight concrete.
- 3.These bar laps only apply where the General Notes indicate "Reinforcing Steel Design, fs= 24,000 p.s.i."

CASE NO.1-For bars coated with epoxy with cover less than 3 times the bar diameter or clear spacing between bars less than 6 times the bar diameter.

APPROVAL				
C.S Treadon DIRECTOR OFFICE OF STRUCTURES				
DATE:2/2/90				
REVISIONS				
	310110			
SHA	FHWA			
SHA				
SHA II-23-93				

FHWA APPROVAL

DATE:

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES

OFFICE OF STRUCTURES

BAR LAP DIMENSIONS FOR
GRADE 60 REINFORCING STEEL
IN LIGHTWEIGHT (4500 P.S.I.) CONCRETE
EPOXY COATED REINFORCING CASE NO.I

STANDARD NO. M(6.06)-81-126

SHEET 2 OF 3